

Figure 1

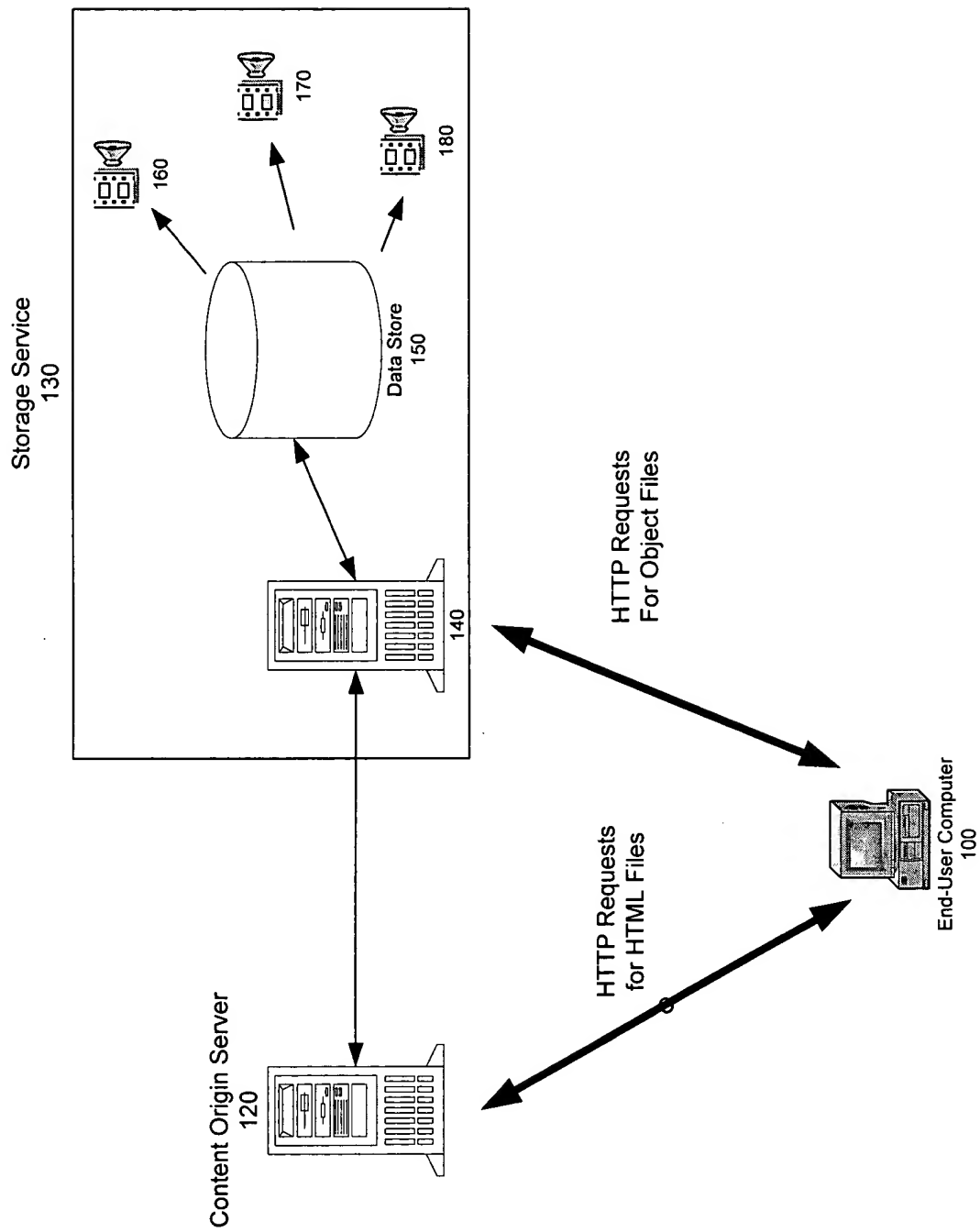


Figure 2

Copyright © 2009

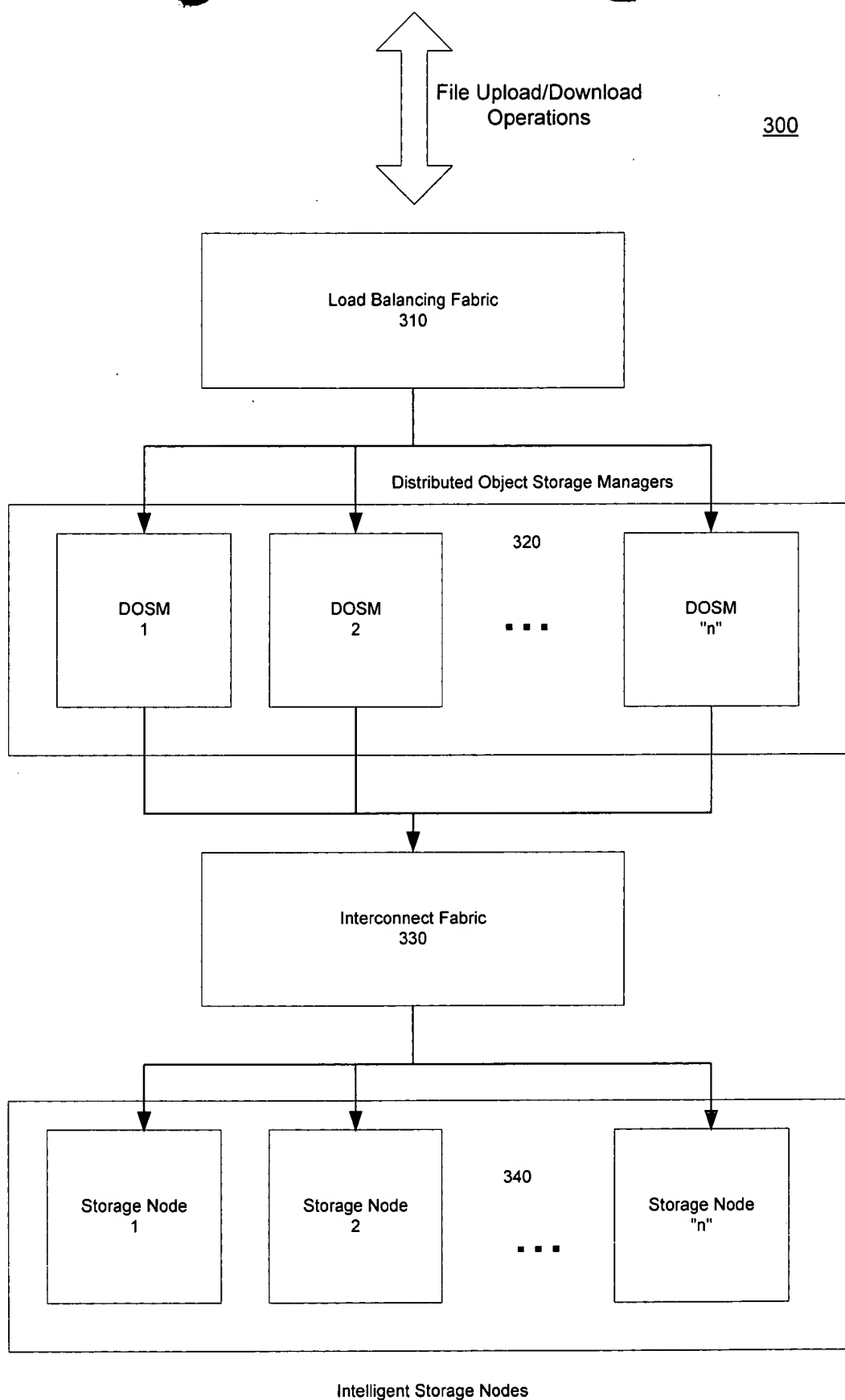


Figure 3

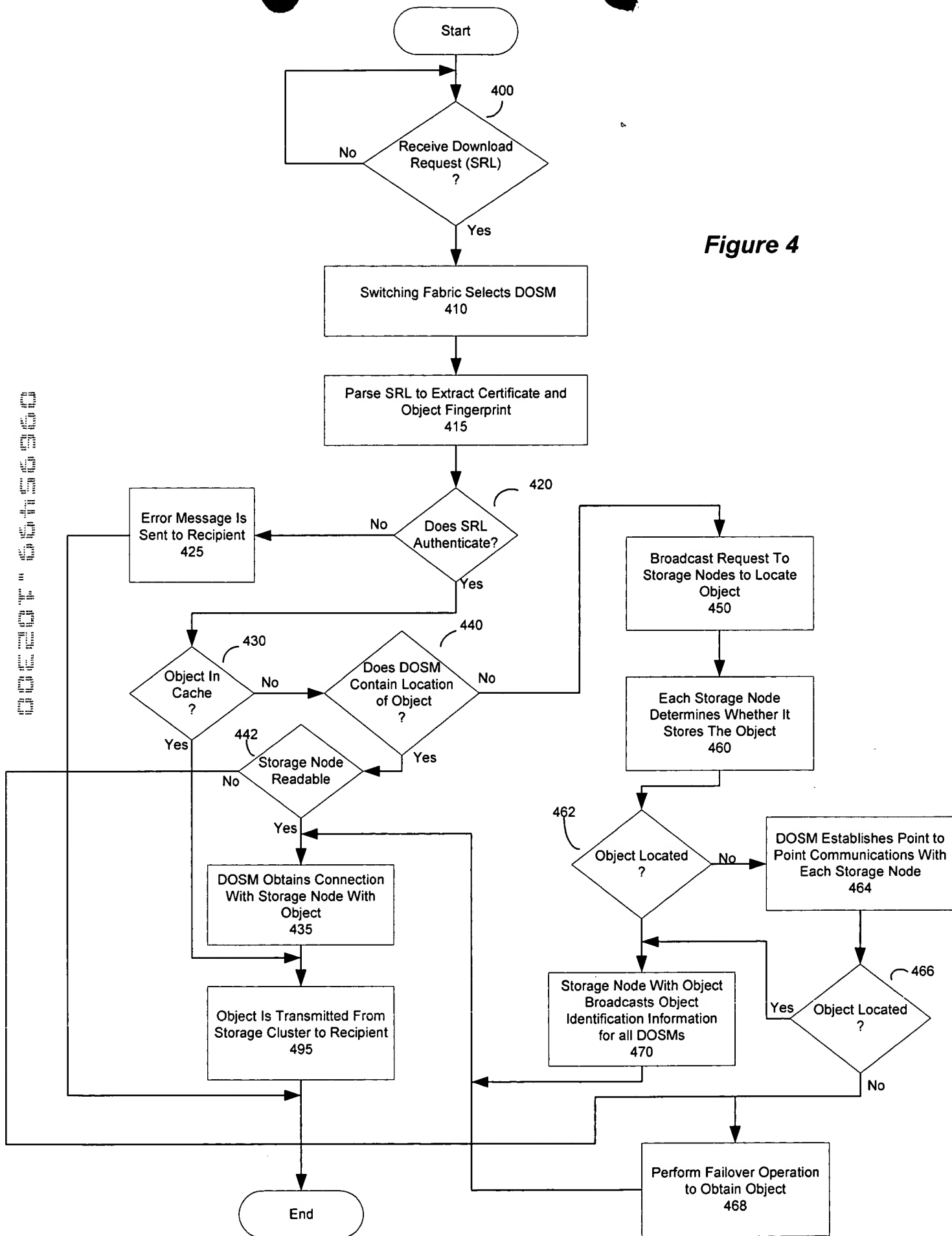


Figure 4

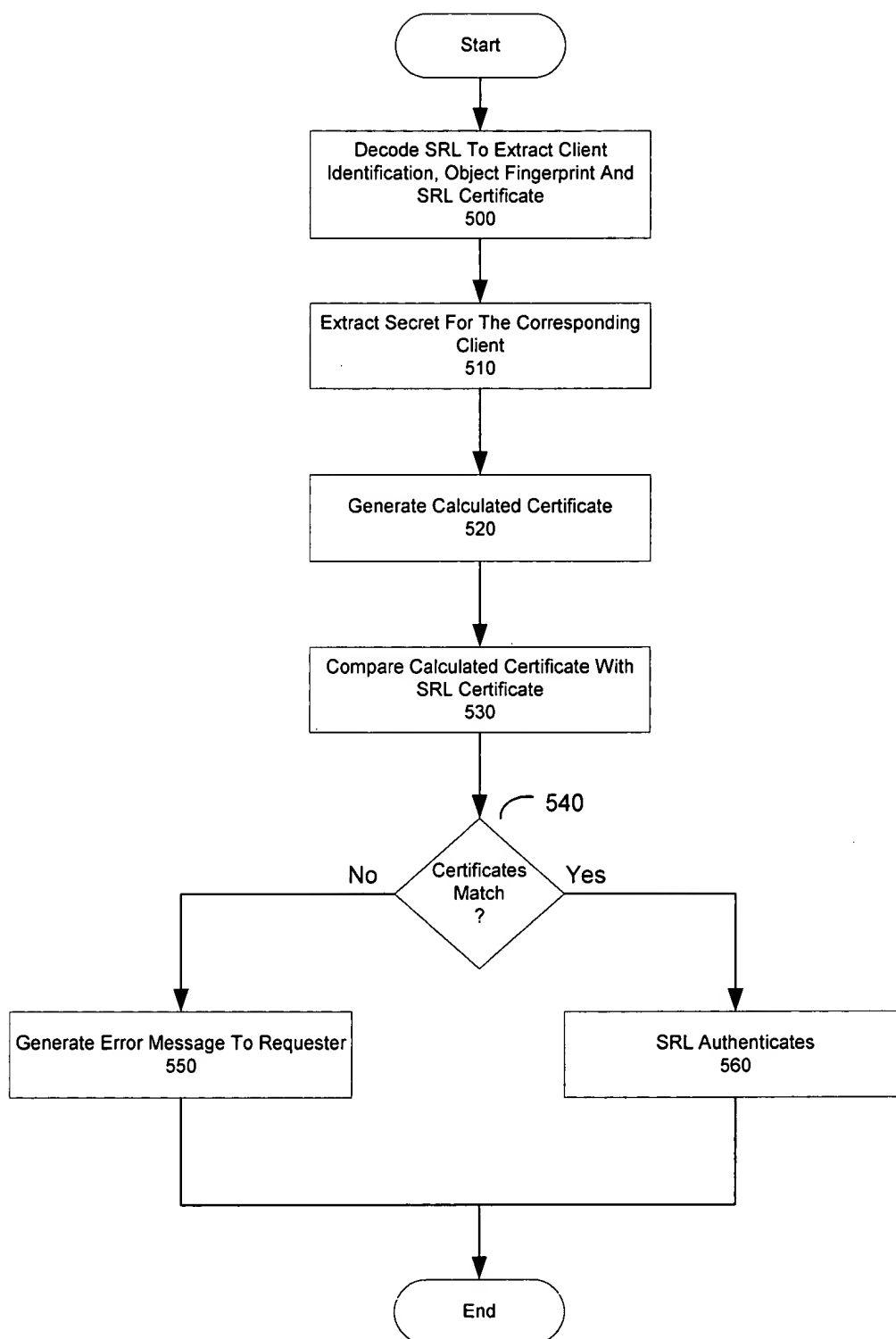
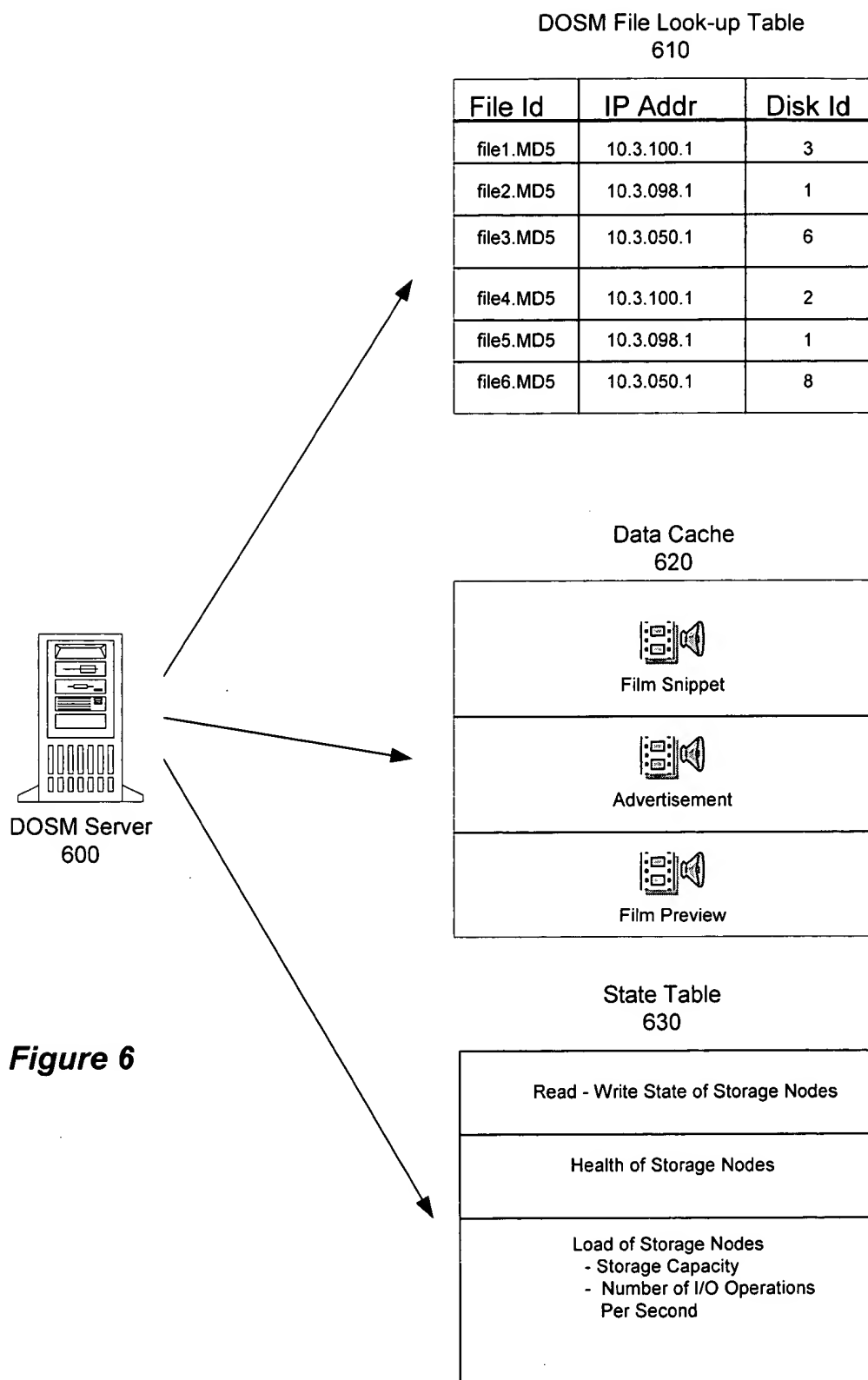


Figure 5



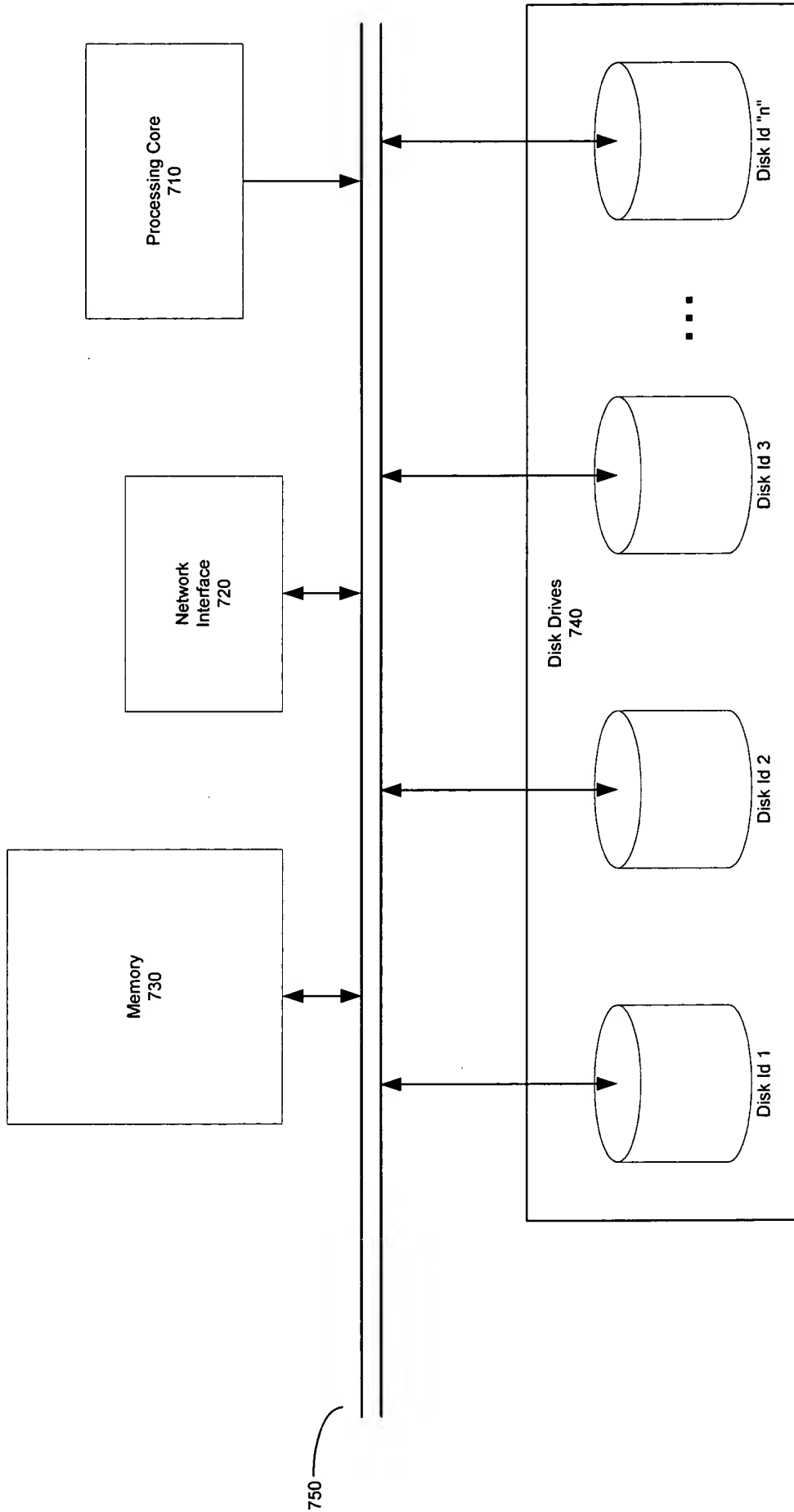
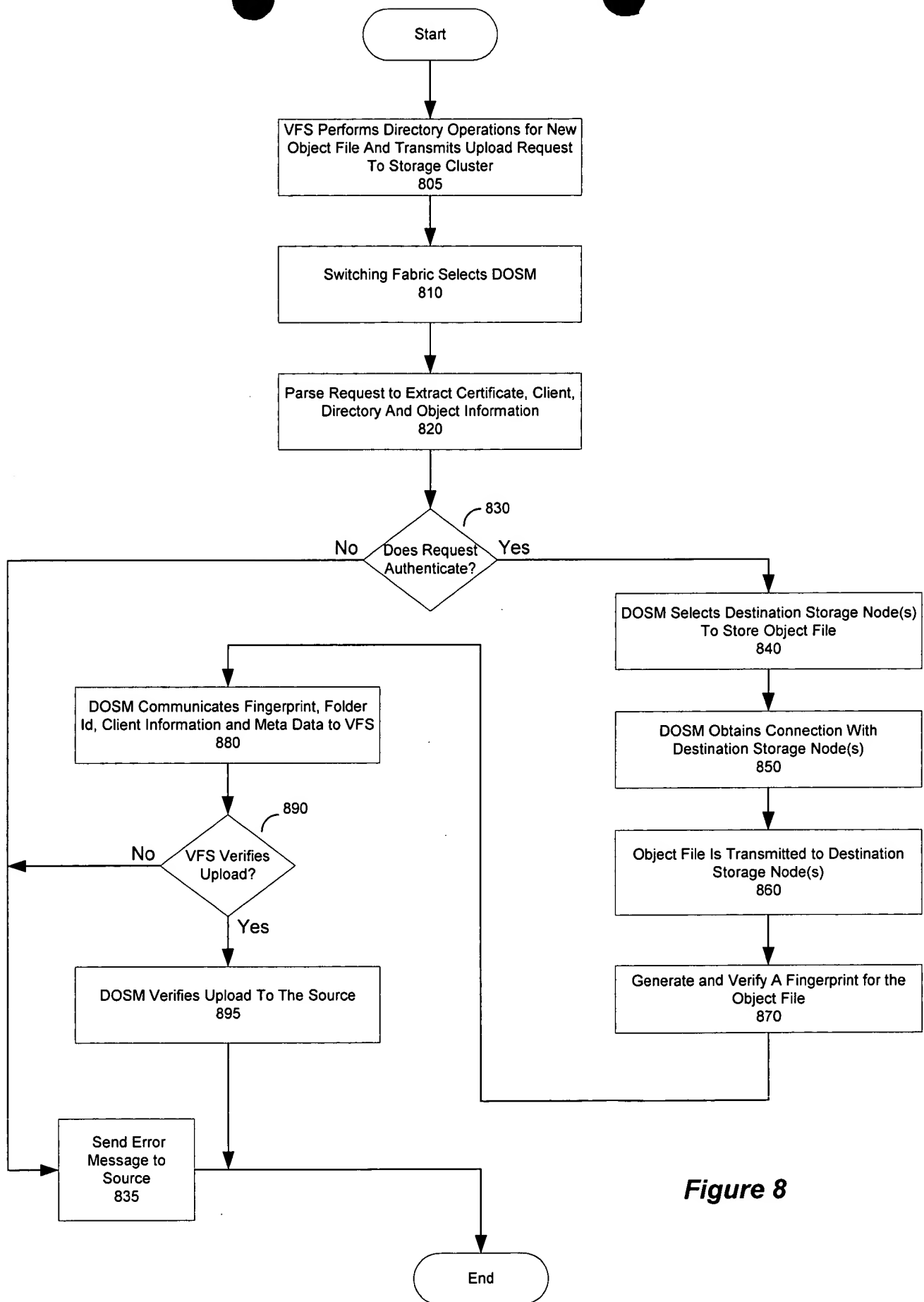


Figure 7



900 910 920 930 940 950 960

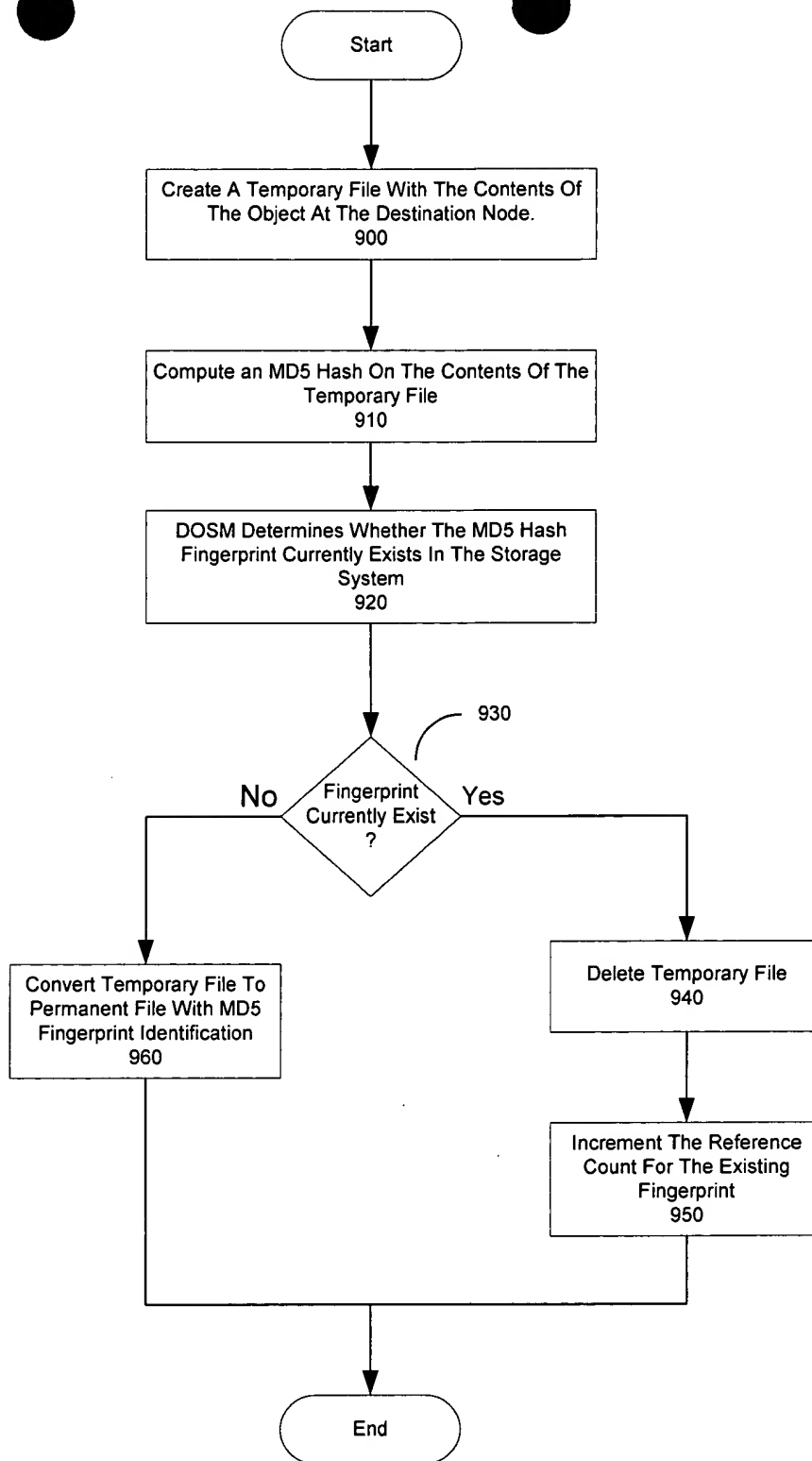


Figure 9

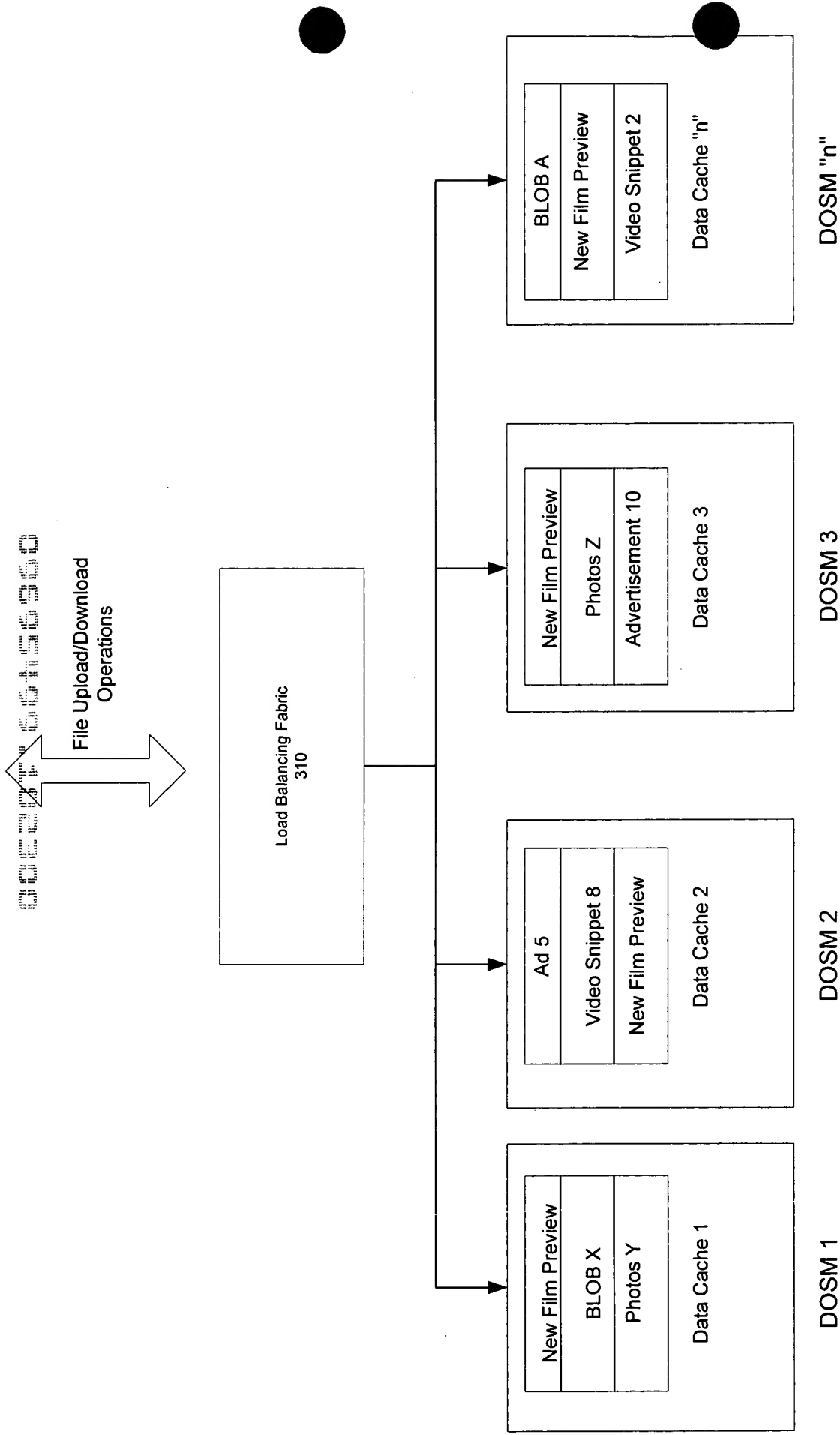
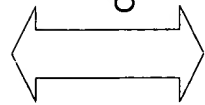
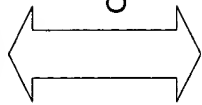


Figure 10

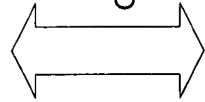
Client "567890"



HTTP Directory
Operation Requests



HTTP Directory
Operation Requests



HTTP Directory
Operation Requests

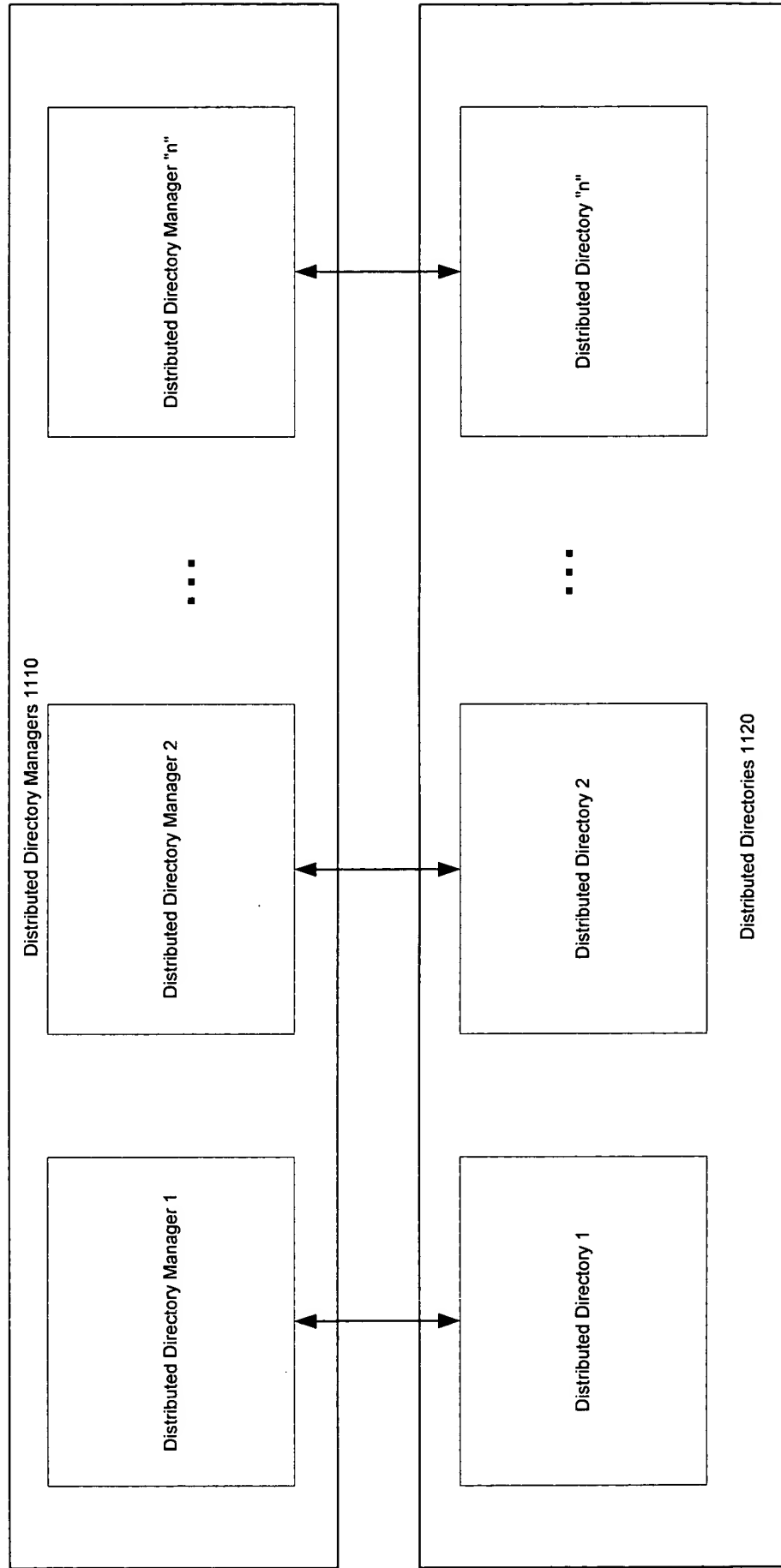


Figure 11

Customer Table

Customer Id	Customer Name	Customer Reserved Fields
1	Customer A	[Customer stores data ...]
2	Customer B	[Customer stores data ...]
3	Customer C	[Customer stores data ...]
4	Customer D	[Customer stores data ...]

1200

Folder Table

Customer Id	Folder Id	Folder Parent Id	Metadata
3	2	-	[Reserved]
3	100	2	[Reserved]
3	251	2	[Reserved]
3	166	251	[Reserved]

1210

File Table

Customer Id	File Handle	Folder Id	Folder Parent Id	Metadata
3	52.MD5	100	2	[Reserved]
3	55.MD5	100	2	[Reserved]
3	99.MD5	166	251	[Reserved]
3	67.MD5	166	251	[Reserved]

1220

Figure 12

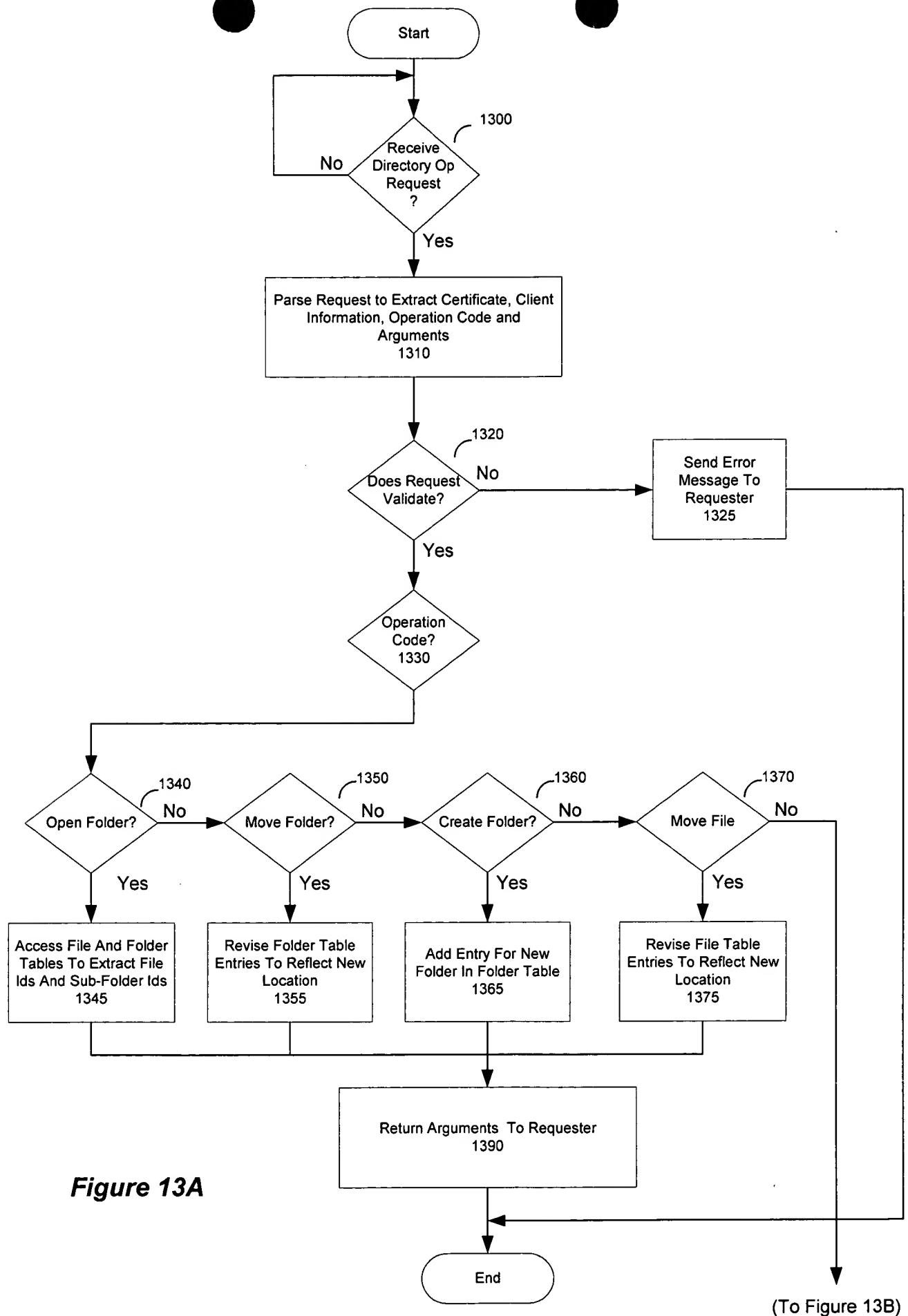


Figure 13A

(From Figure 13A)

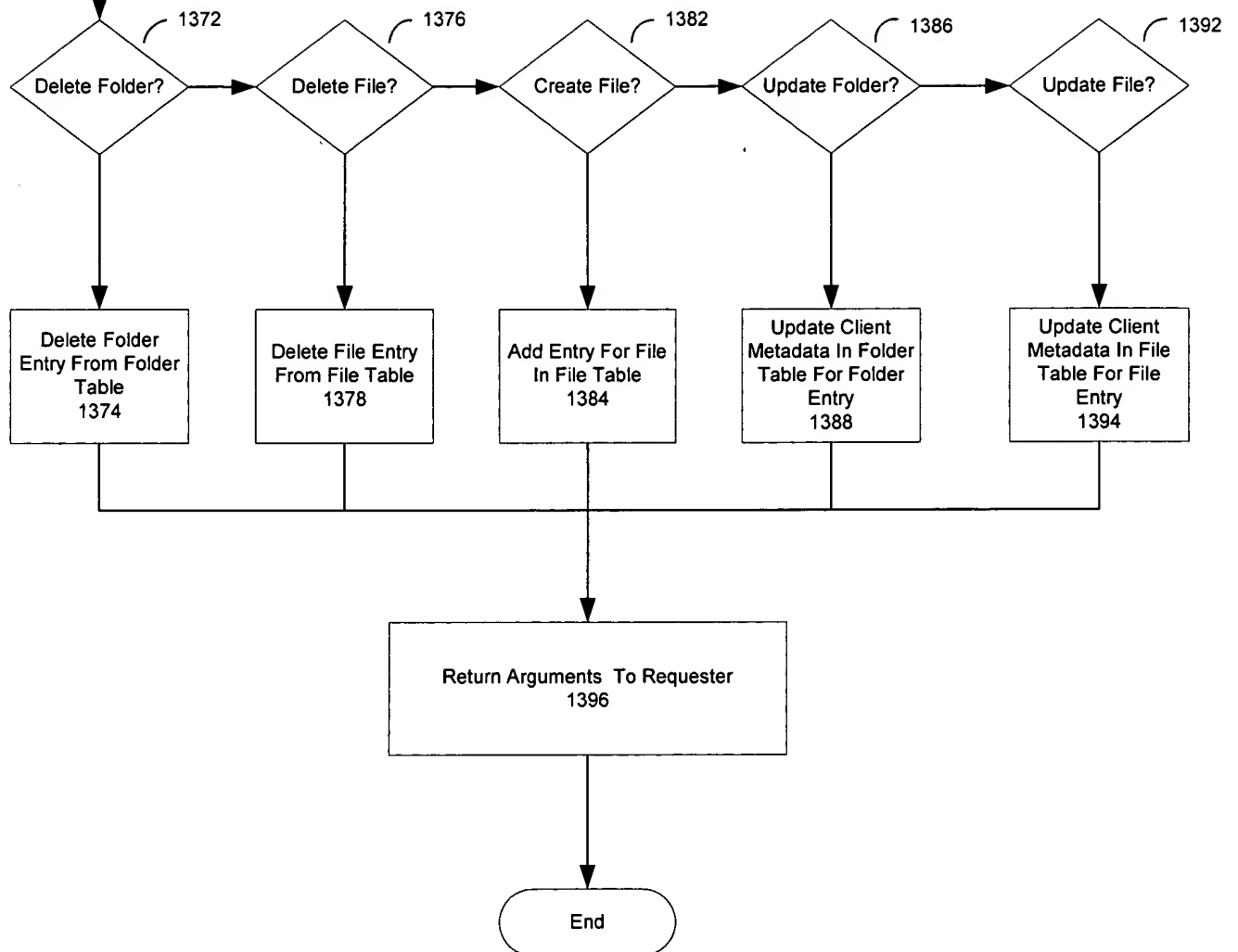


Figure 13B

030629Z 060600

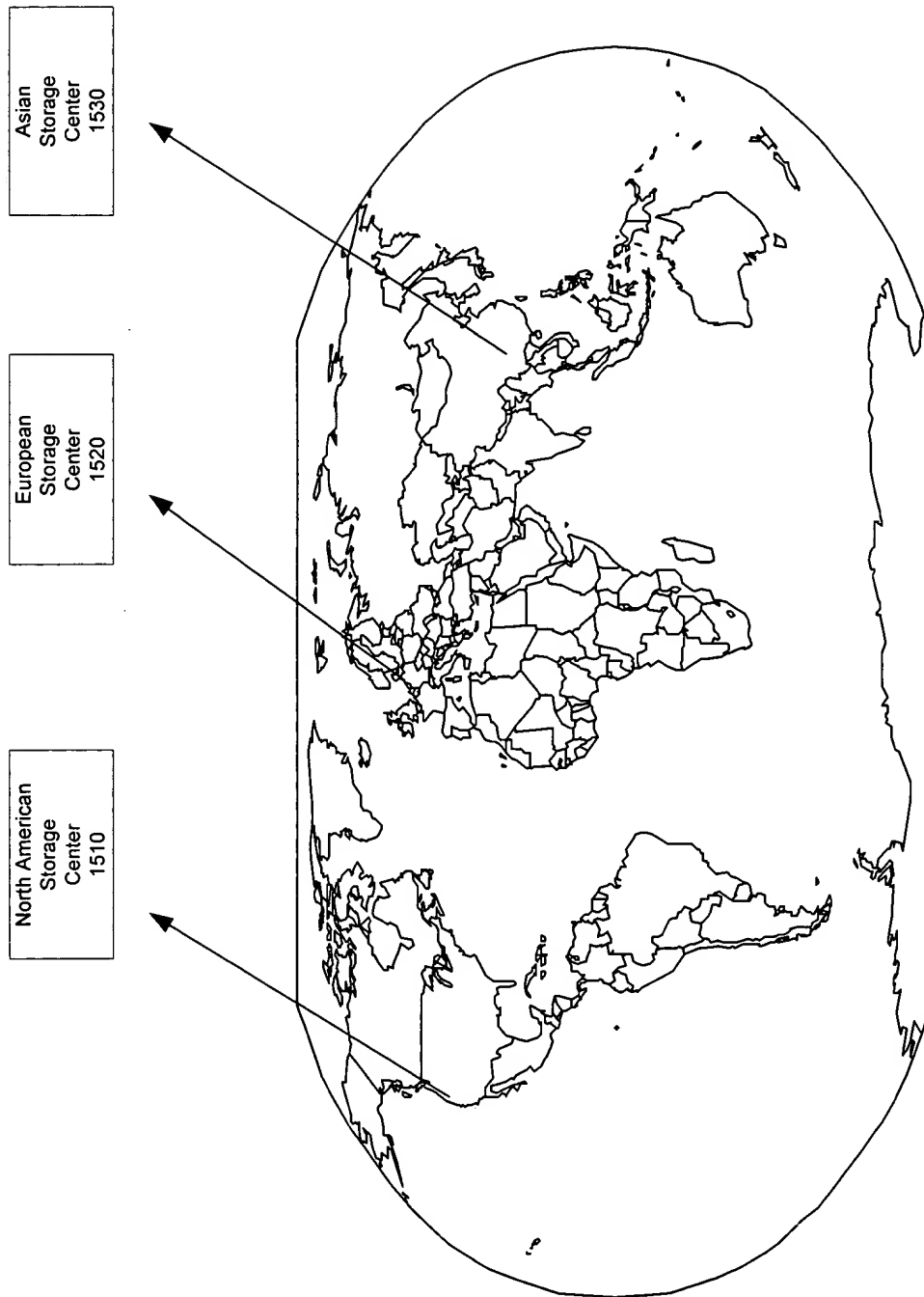


Figure 15

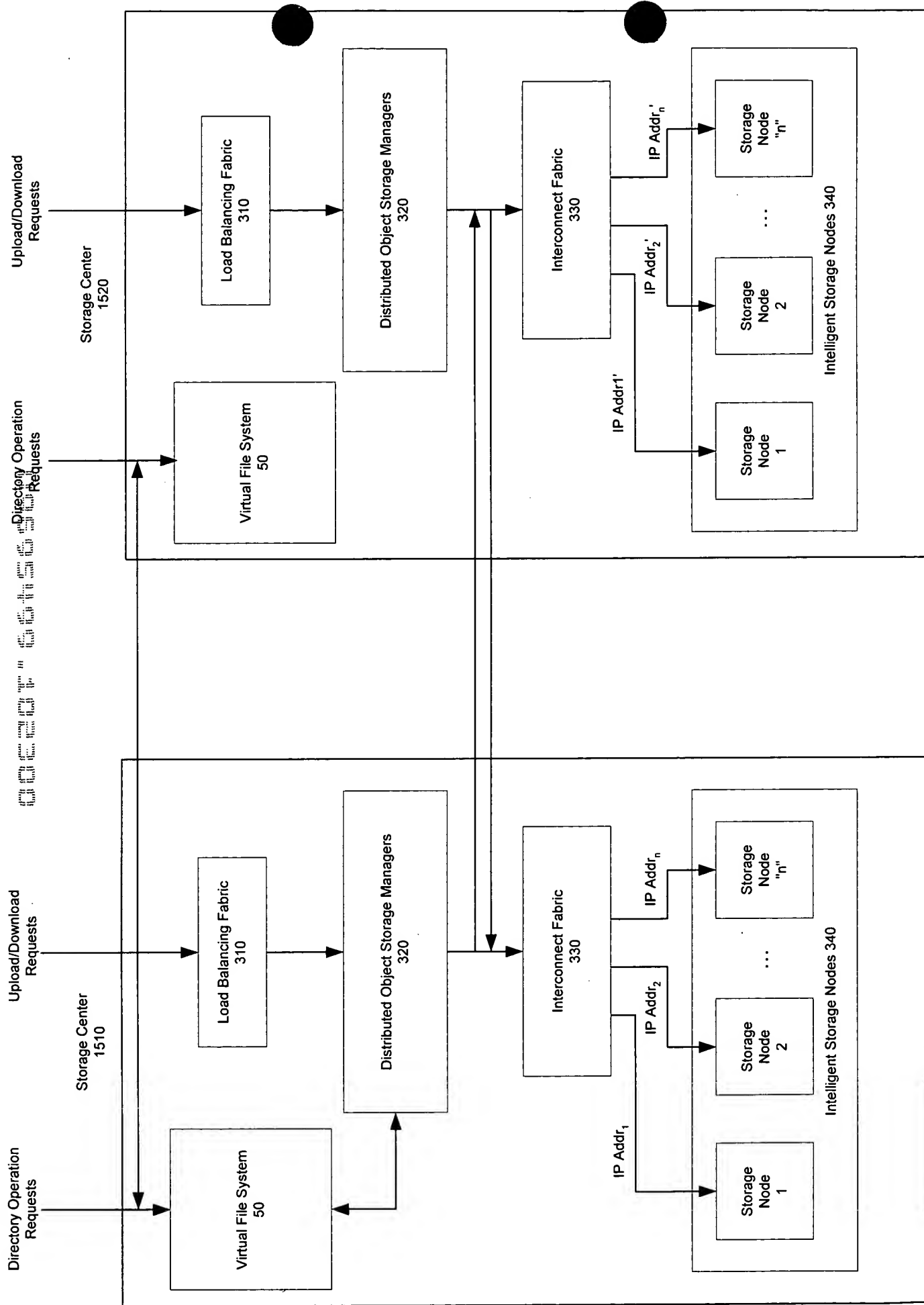


Figure 16

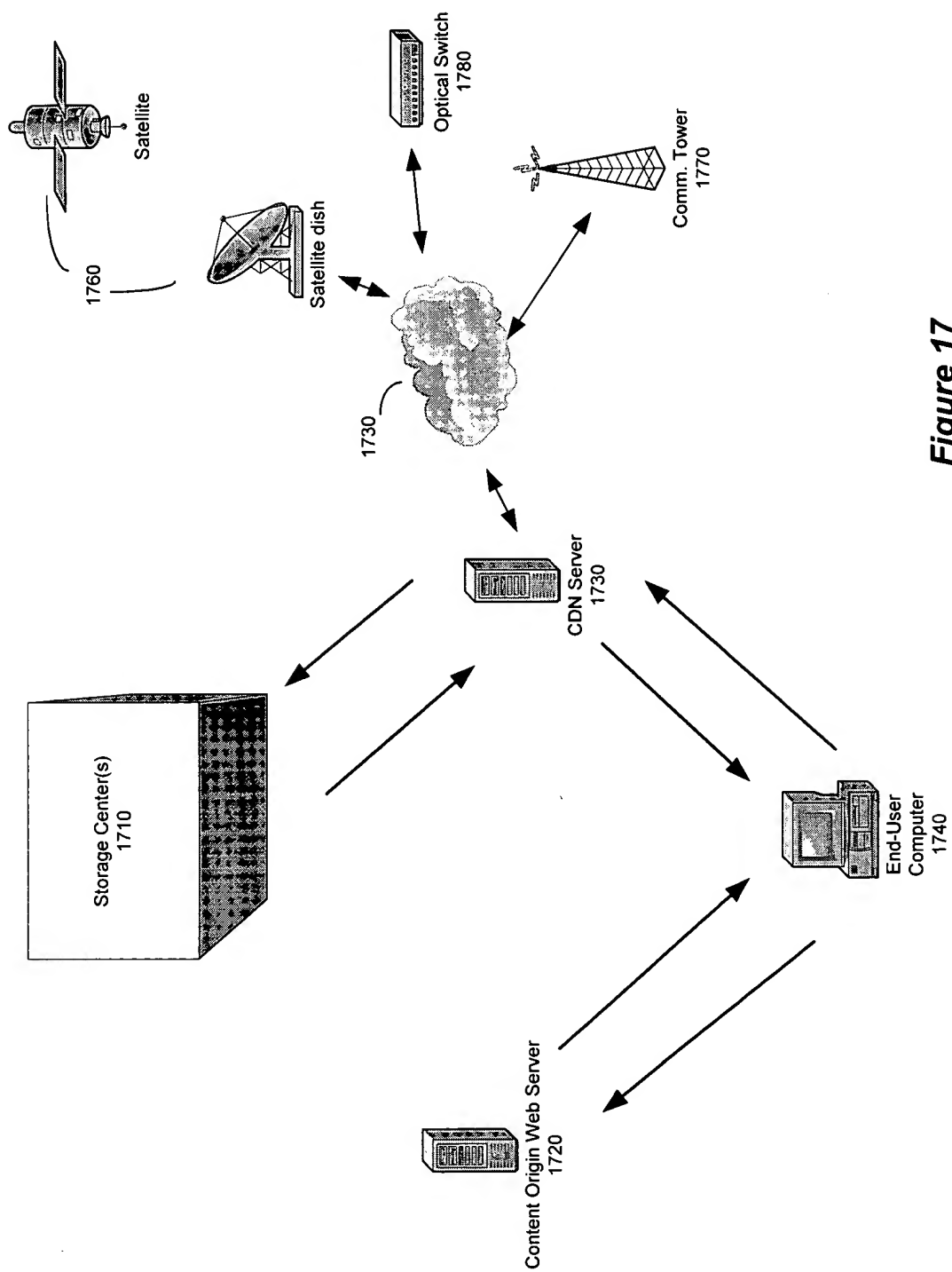


Figure 17

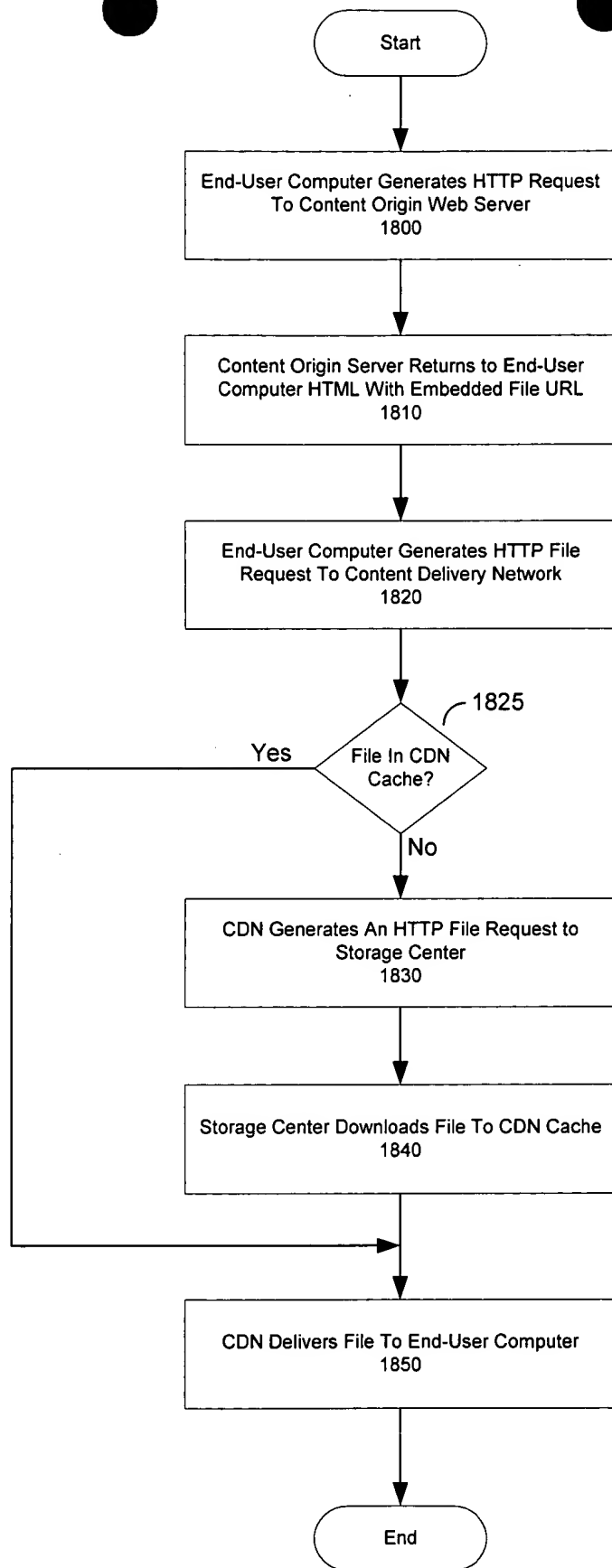


Figure 18

20040616 16:55:50

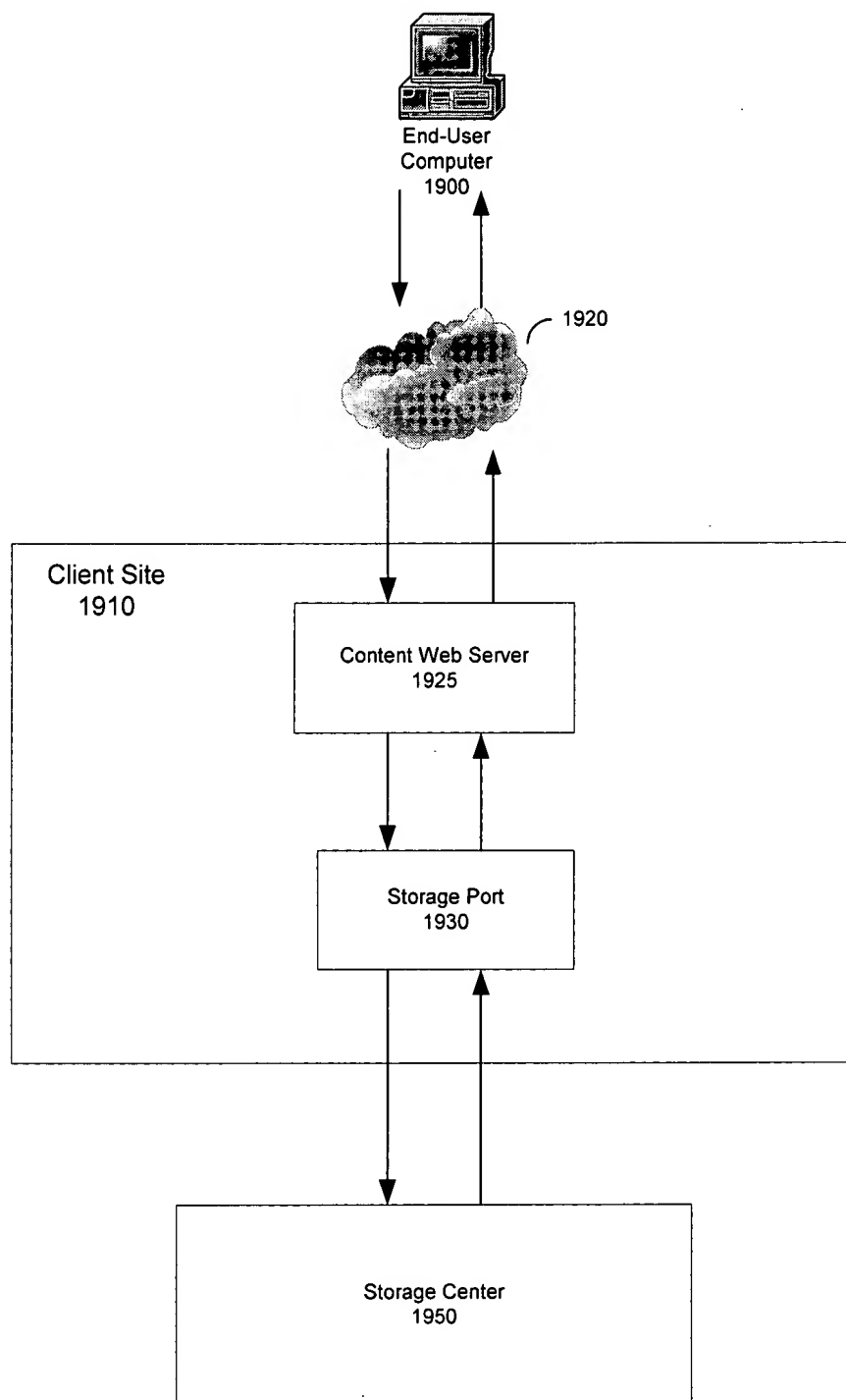


Figure 19

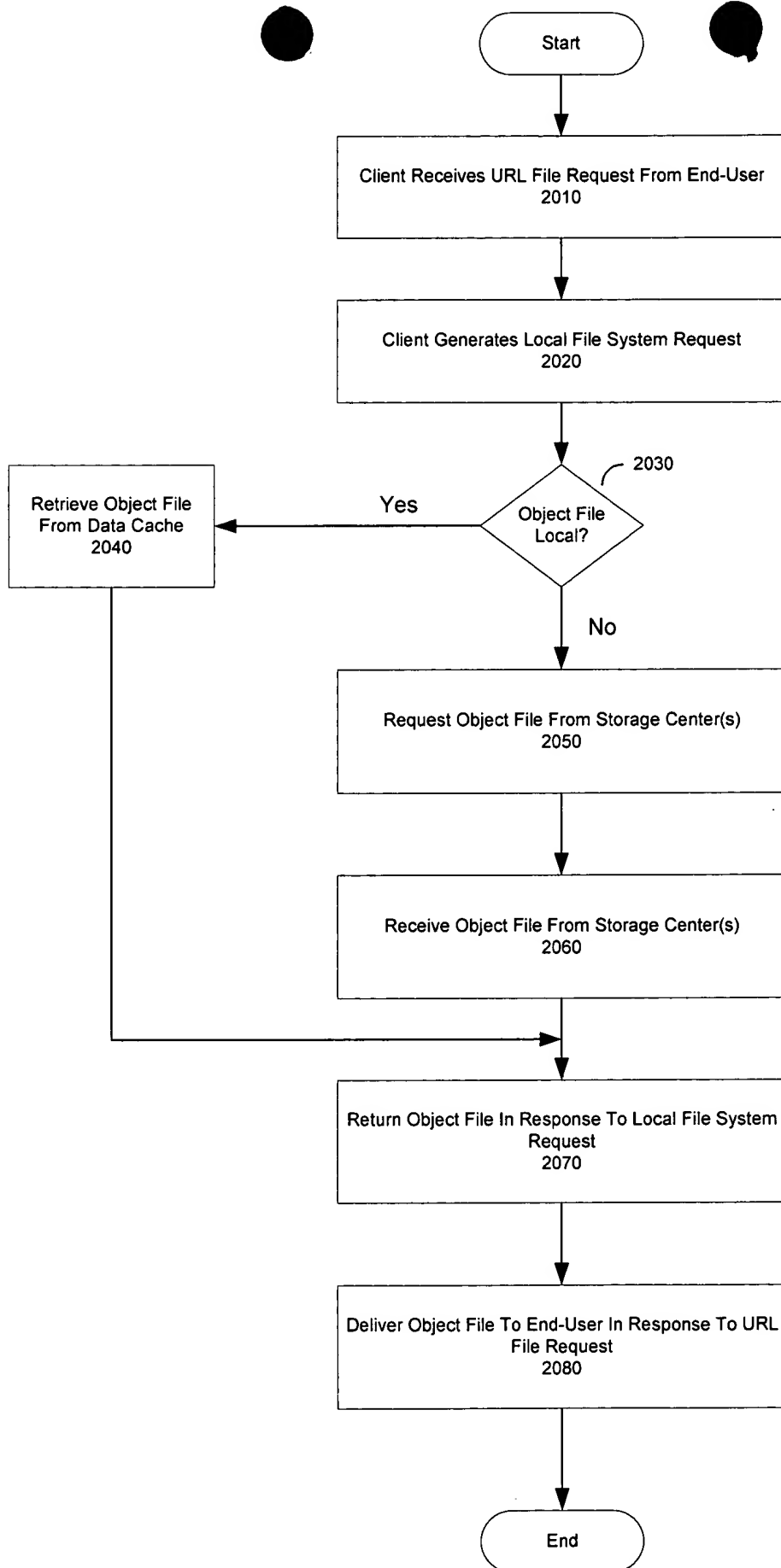


Figure 20

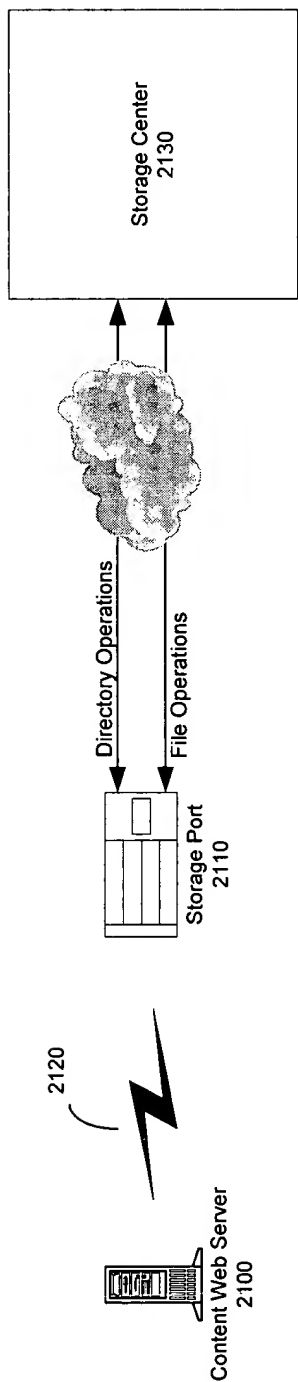


Figure 21a

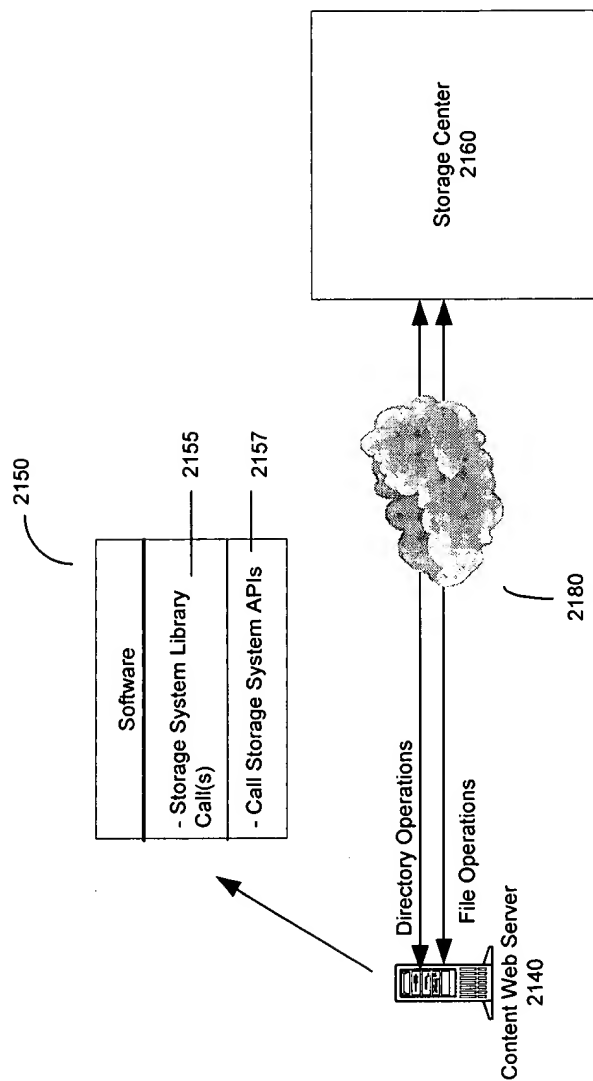


Figure 21b

Storage Port
2200

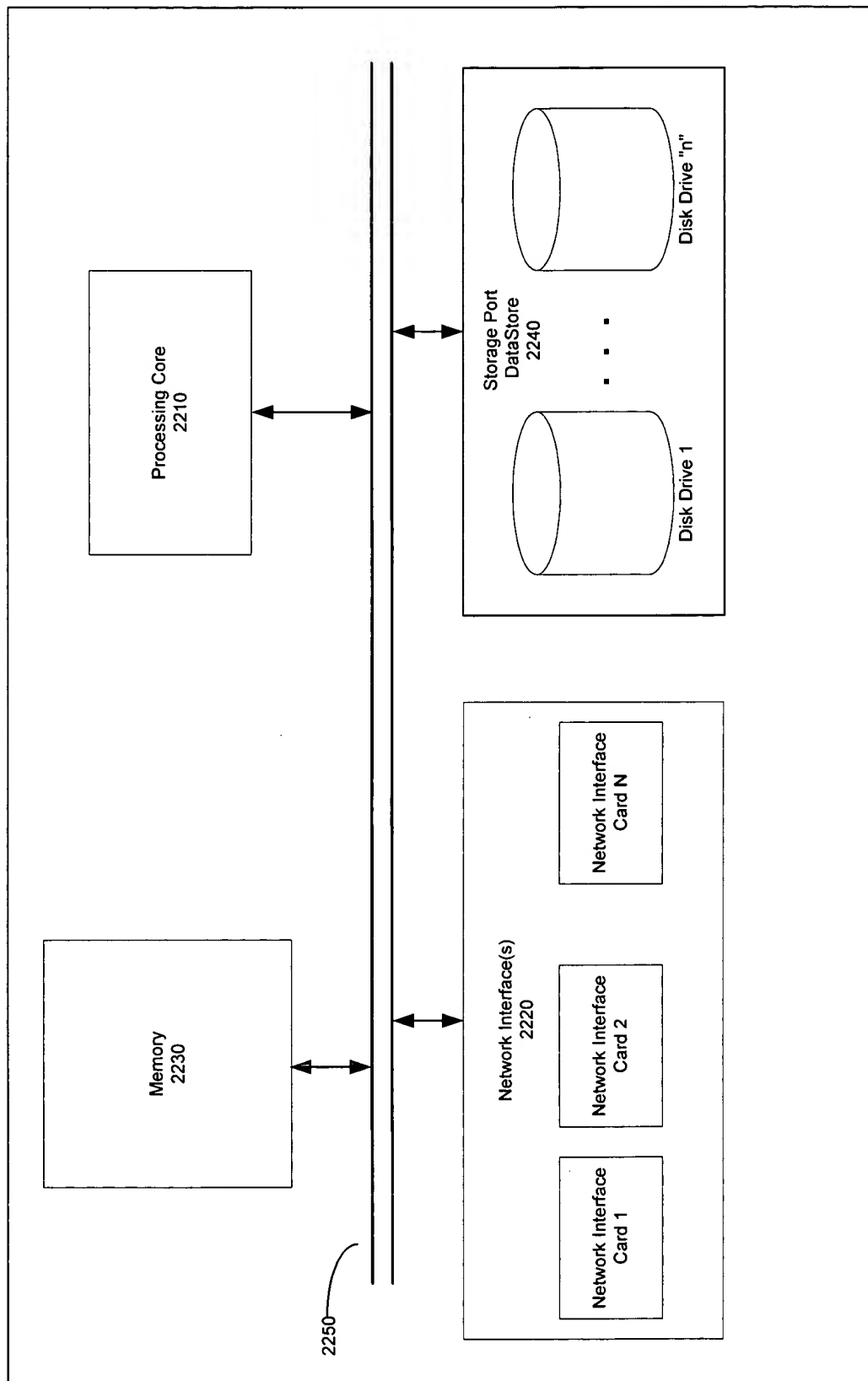


Figure 22

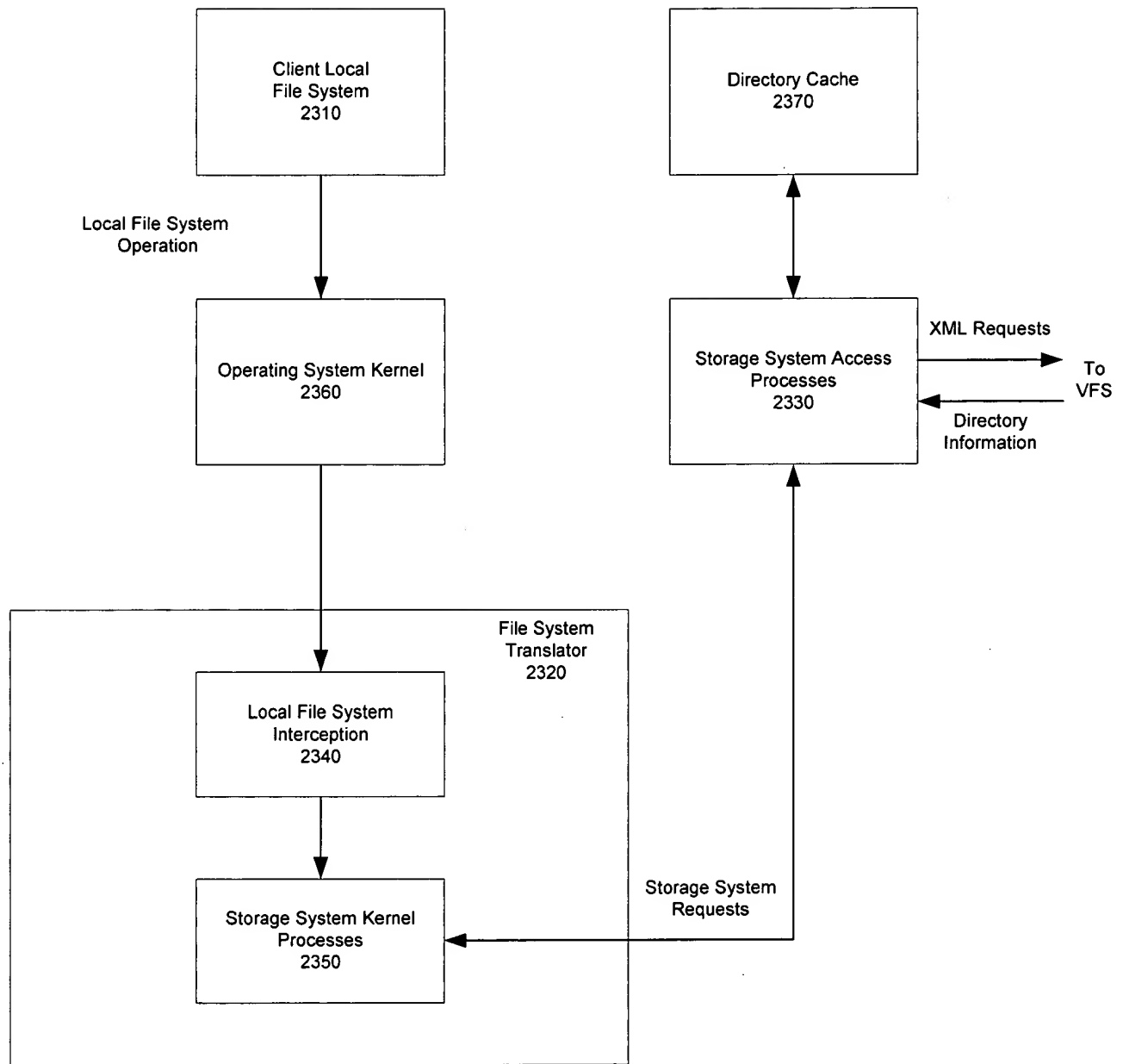


Figure 23

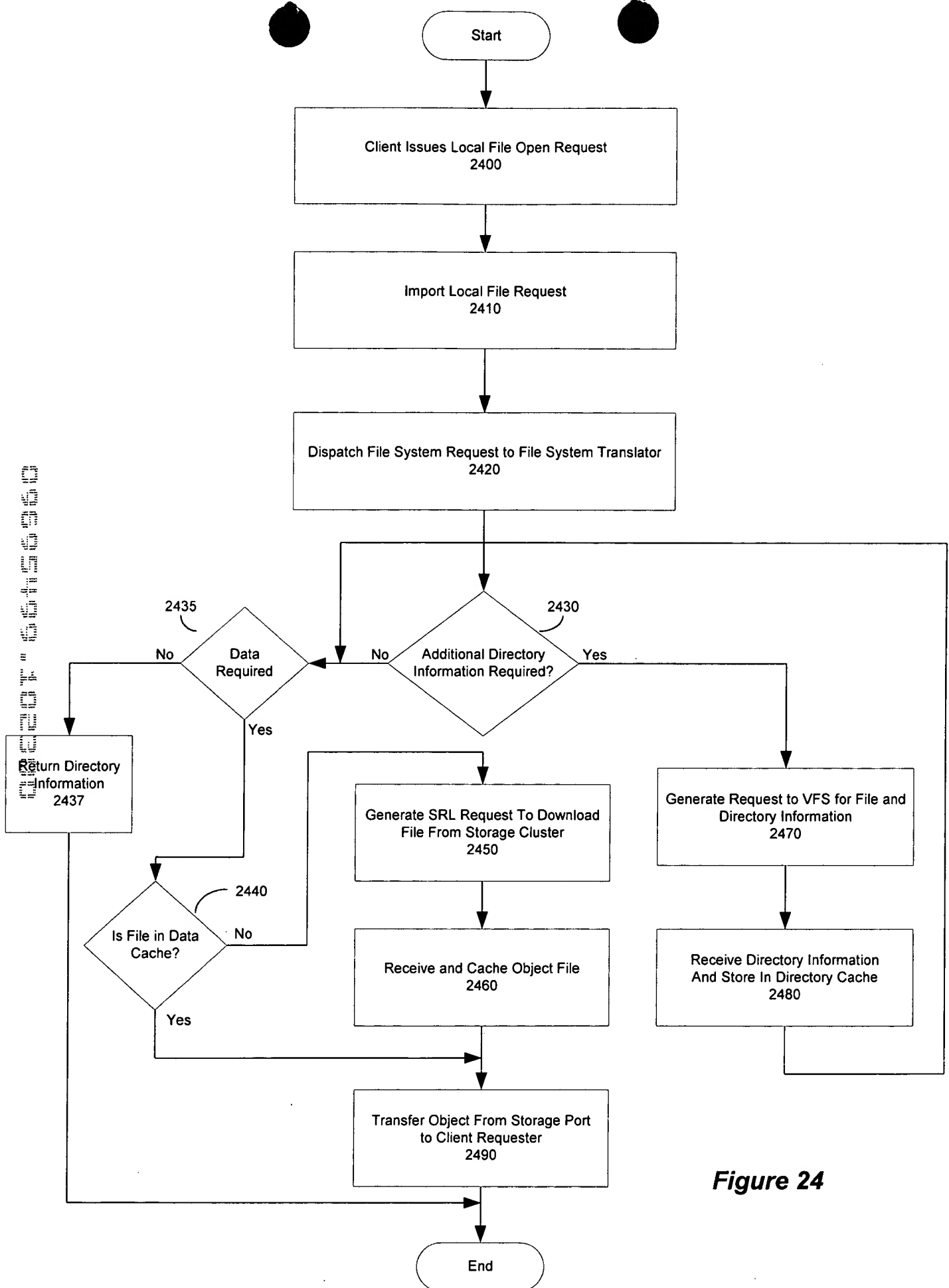


Figure 24

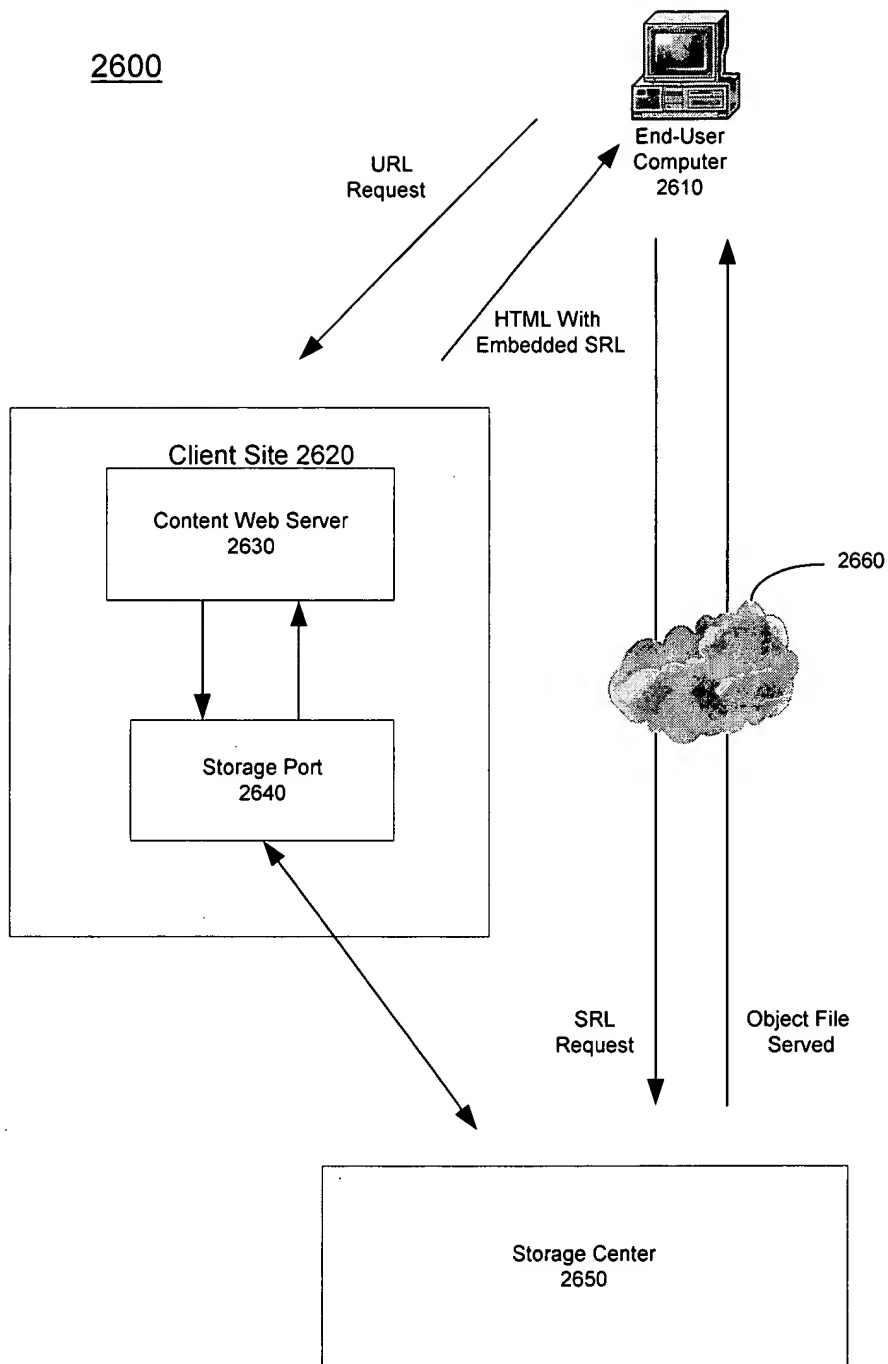


Figure 25

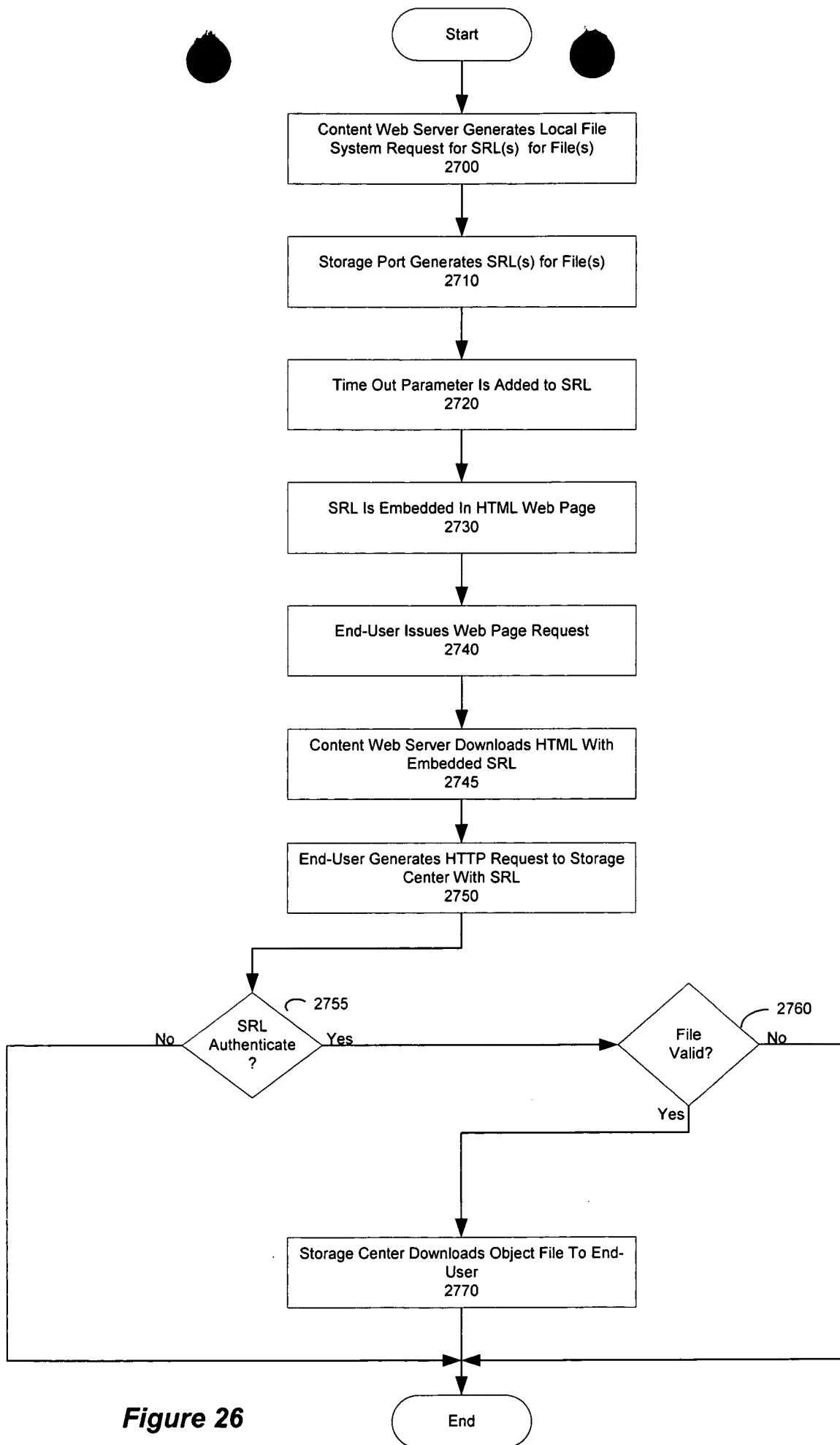


Figure 26

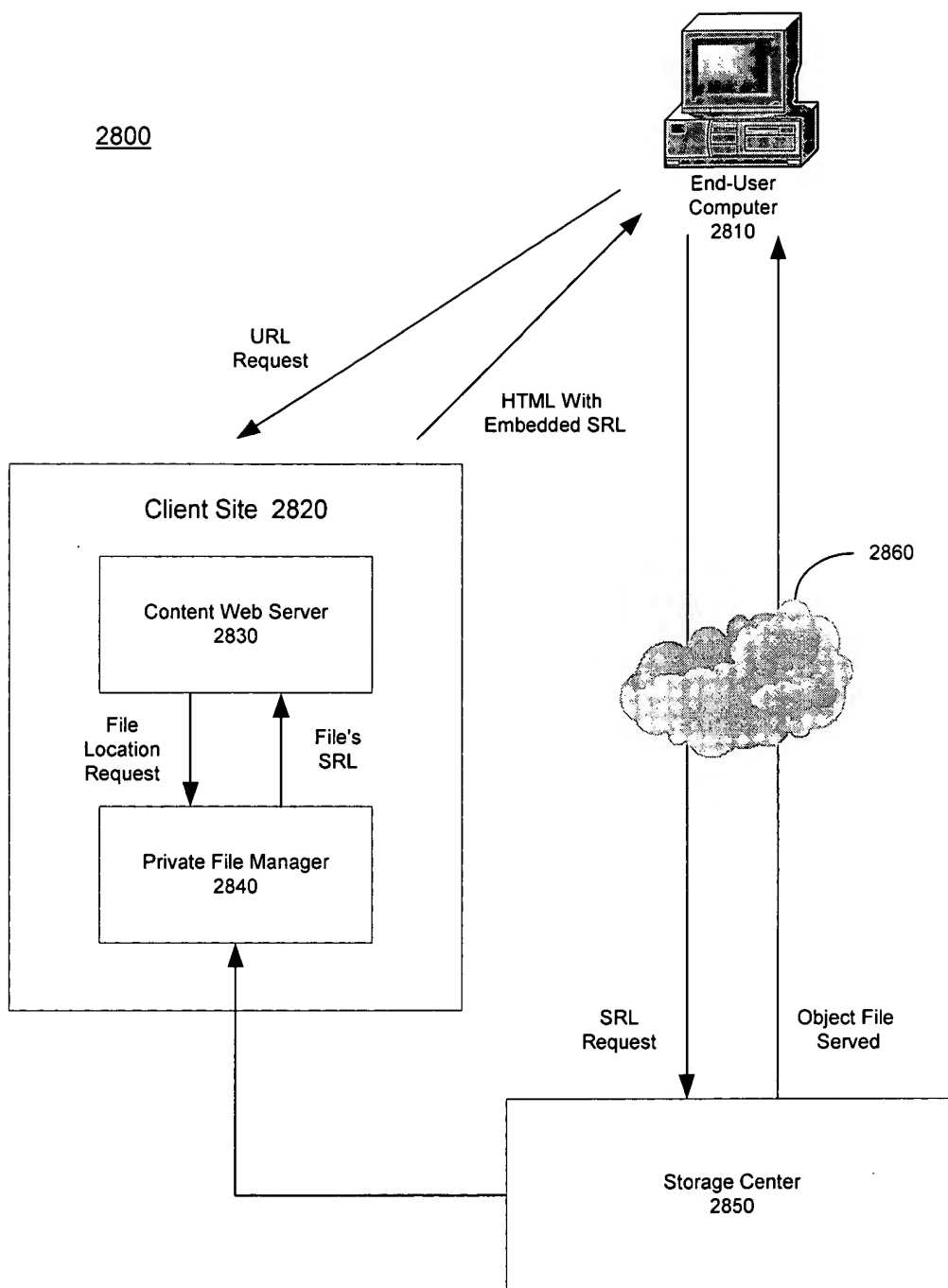


Figure 27

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graph TD; Start([Start]) --> 2900[End-User Issues URL Request 2900]; 2900 --> 2910[Content Web Server Generates A File Location Request to File Manager 2910]; 2910 --> 2920[File Manager Retrieves File SRL for Content Web Server 2920]; 2920 --> 2930[Content Web Server Transmits To End-User HTML With Embedded SRL 2930]; 2930 --> 2940[End-User Generates HTTP Request to Storage Center With SRL 2940]; 2940 --> 2945{SRL Authenticate ? 2945}; 2945 -- No --> 2940; 2945 -- Yes --> 2947[Storage Center Generates MD5 Hash on "SRL" and Identifies File 2947]; 2947 --> 2950[Storage Center Downloads Object File To End-User 2950]; 2950 --> End([End]);
```

Figure 28

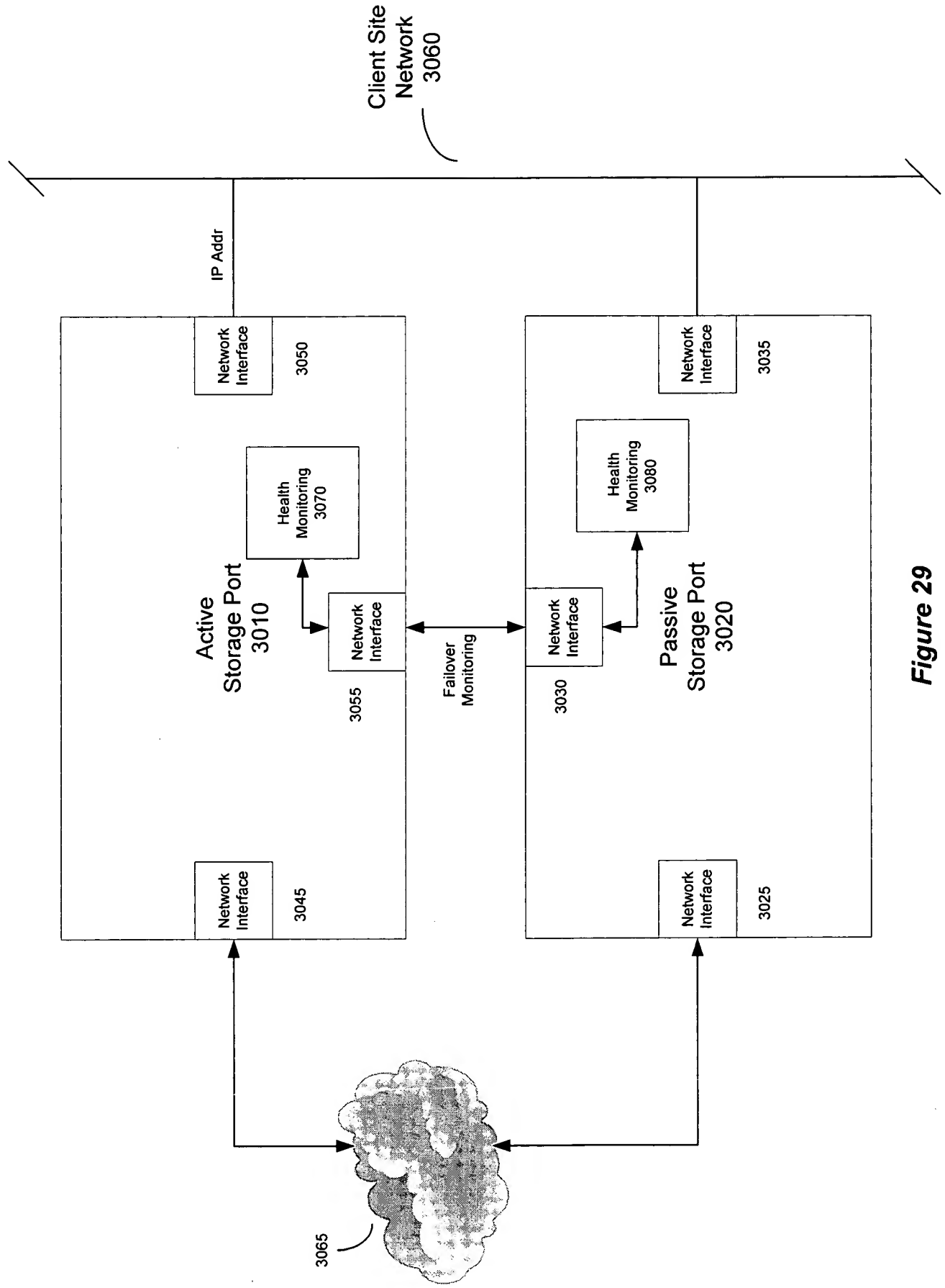


Figure 29

66207 645960

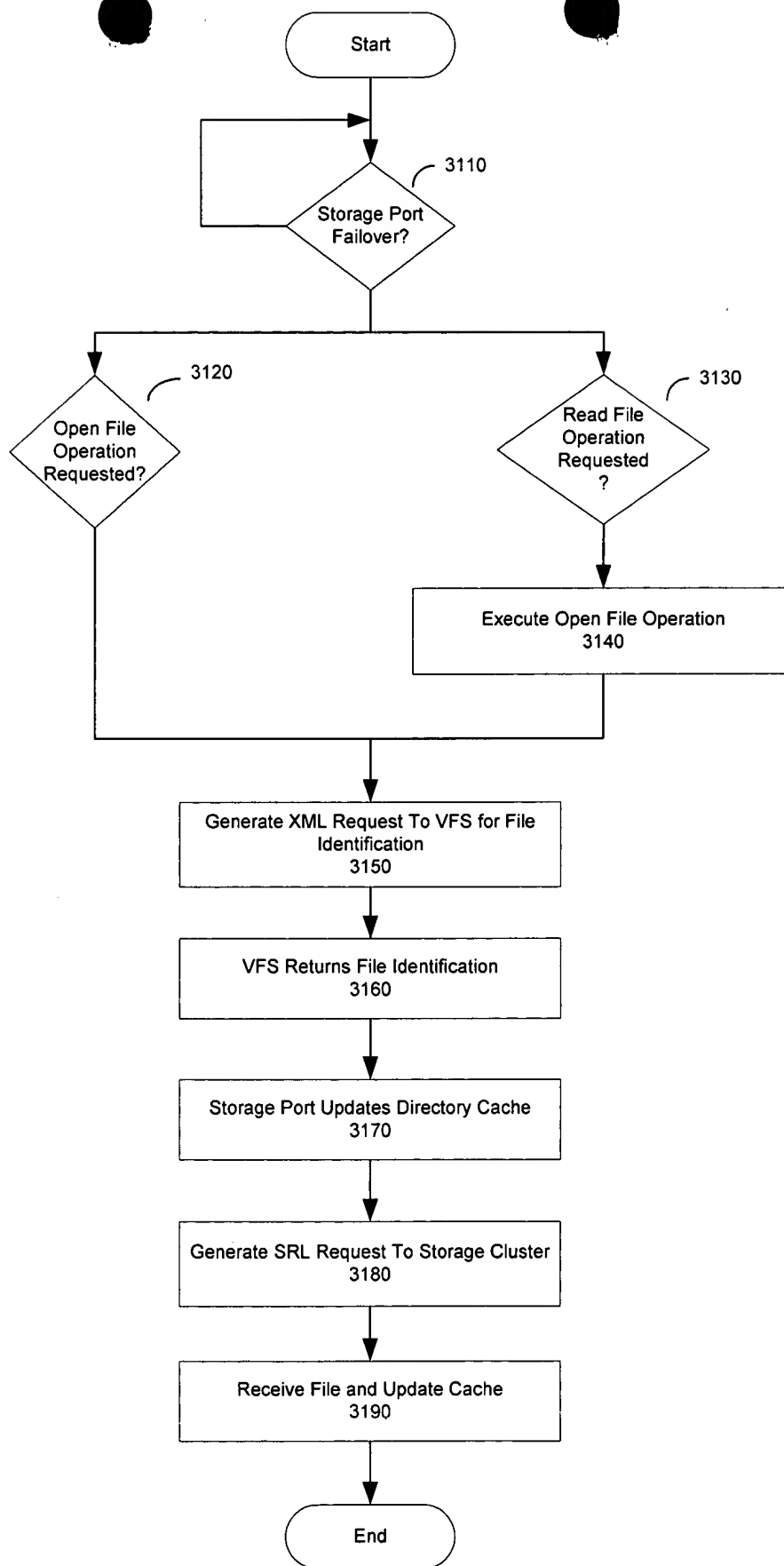


Figure 30

[REDACTED]

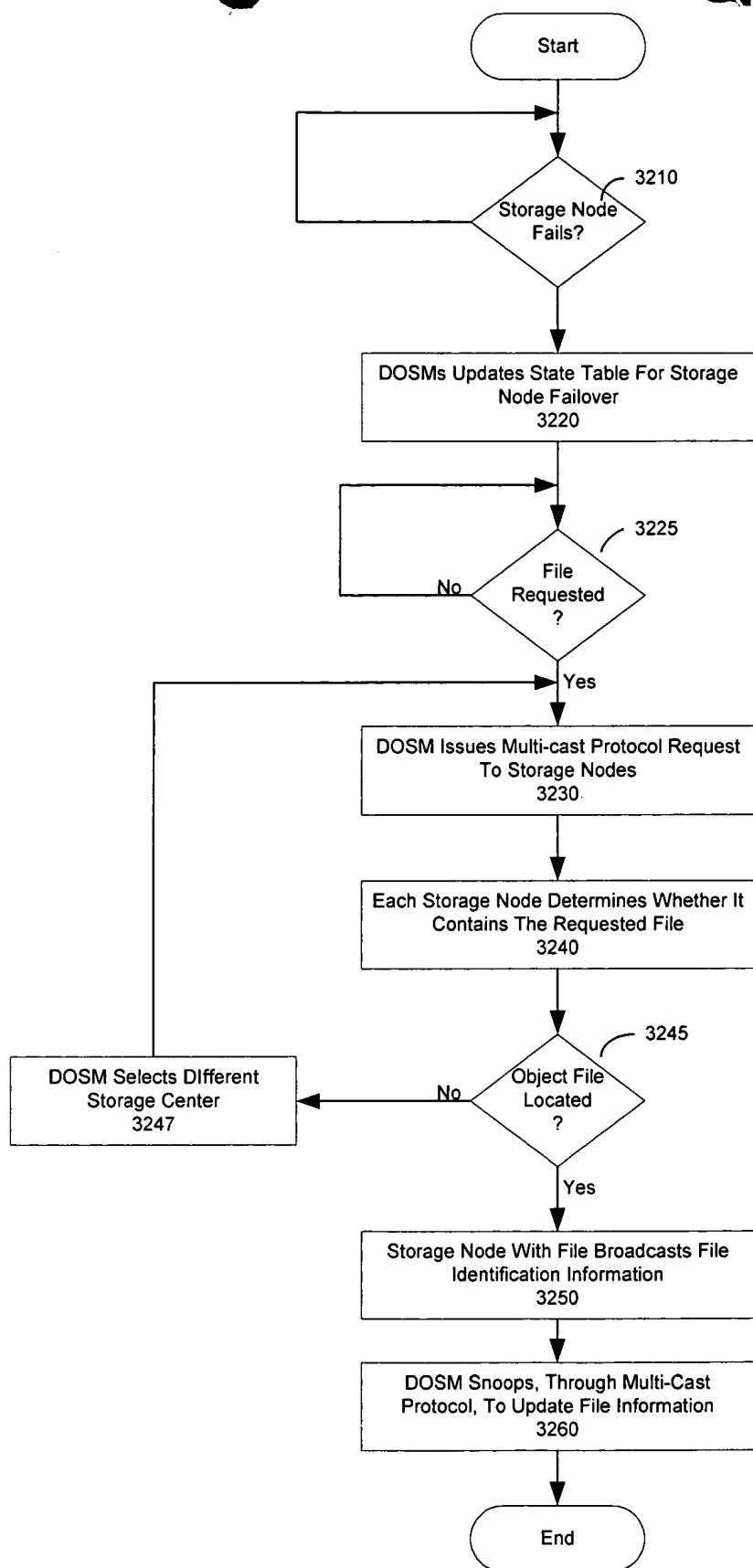


Figure 31